

FORM PTO-1449
(Rev. 7-80)U.S. Department of Commerce
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ATTY. DOCKET NO.

SERIAL NO.

011344

09/977,897

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APPLICANT

Yih-Tai Chen et al.

FILING DATE

October 15, 2001

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							YES	NO
	AL							
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OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

SS	AR		Journal of Virology, July, 1996, p. 4646-4654, Vol. 70, No. 7,
			"A "Humanized" Green Fluorescent...Mammalian Cells", S. Zolotukhin,
			et al.
SS	AT		Current Biology 1996, Vol. 6, No. 3:325-330, "Engineered GFP as a
			Vital Reporter in Plants", Wan-ling Chiu, et al.

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85	AR		European Journal of Cell Biology, Vol. 79, pp. 144-149 (2000, February)					
			"Expression of the Green... Tetraurelia", Karin Hauser, et al.					
85	AS		Journal of Protein Chemistry, Vol. 20, No. 6, August 2001, pp. 507-519					
			"Characterization and Use of Green Fluorescent Proteins... Functional Peptides", Beau Peelle, et al.					
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*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	TECH CENTER APPROPRIATE
SS	AA	5,786,464	07/28/1998	Seed, Brian			
	AB	5,795,737	08/18/1998	Seed, Brian et al.			
	AC	5,874,304	02/23/1999	Zolotukhin, Sergei et al.			
	AD	5,968,750	10/19/1999	Zolotukhin, Sergei et al.			
	AE	6,232,107	05/15/2001	Bryan, Bruce J., et al.			
	AF	5,491,084	2/96	Chalfie, et al.			
	AG	5,436,128	7/95	Harpold, et al.			
SS	AH	5,401,629	3/95	Harpold, et al.			
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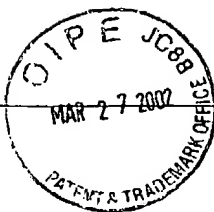
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SS		BARBER, K., et al., Delivery of membrane-impermeant fluorescent probes into living neural cell populations by lipotransfer, Neuroscience Letters 207 (1996) 17-20, Elsevier Science Ireland Ltd. Publ.	
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		EHRIG, T., et al., Green-fluorescent protein mutants with altered fluorescence excitation spectra, FEBS Letters 367 (1995) 163-166, Federation of European Biochemical Societies Publ.	
SS		GIULIANO, K.; et al., Fluorescent Protein Biosensors: Measurement of Molecular Dynamics in Living Cells, Annu. Rev. Biophys. Biomol. Struct. (1995) 24:405-34, Annual Reviews Inc. Publ.	

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OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS

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SS		GIULIANO, K.A. and TAYLOR, D. L., Light-Optical-Based Reagents for the Measurement and Manipulation of Ions, Metabolites, and Macromolecules in Living Cells, Methods in Neurosciences, Volume 27, pp.1-16 (1995), Academic Press Inc., Publ., San Diego, California, USA.
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		MIYAWAKI, A., et al., Fluorescent indicators for Ca ²⁺ based on green fluorescent proteins and calmodulin, Nature, Vol 388, pp. 882-887, 28 August 1997, Macmillan Publishers Ltd. (1997) Publ.
		MORISE, H. et al, Intermolecular Energy Transfer in the Bioluminescent System of Aequorea, Biochemistry, Vol. 13, No. 12, pp. 2656-2662 (1974)
SS		RIZZUTO, R., et al., Rapid changes of mitochondrial Ca ²⁺ revealed by specifically targeted recombinant aequorin, Nature, Vol 358, pp. 325-327, 23 July 1992

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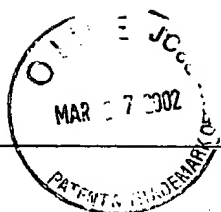
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SS		KAETHER, C. et al., Visualization of protein transport along the secretory pathway using green fluorescent protein, FEBS Letters 369 (1995) 267-271, Federation of European Biochemical Societies Publ.	
		HU, W., et al., Expression of Aequorea green fluorescent protein in plant cells, FEBS Letters 369 (1995) 331-334, Federation of European Biochemical Societies Publ.	
		SOUTHWICK, P., et al., Cyanine Dye Labeling Reagents-Carboxymethylindocyanine Succinimidyl Esters, Cytometry 11:418-430 (1990), Wiley-Lisa, Inc. Publ.	
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		WAUD, J., et al., Measurement of proteases using chemiluminescence-resonance-energy-transfer chimaeras between green fluorescent protein and aequorin, Biochem J. (2001) 357, 687-697 Biochemical Society Publ.	
SS		Johnson, F.H., Luminescence, Narcosis, and Life In The Deep Sea, Vantage Press, 1st Ed., pp.50-57 (1988)	

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